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05-02-01

PTO/SB/05 (11-00) *Revised 8/2002*Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. BB1191 DIV

First Inventor OMOLAYO O. FAMODU ET AL.

Title PLANT AMINO ACYL-TRNA SYNTHETASE

Express Mail Label No. EL073740714US

J100001846589
05/01/01

| APPLICATION ELEMENTS | | ADDRESS TO | | Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
|--|---|------------|--|--|
| See MPEP chapter 600 concerning utility patent application contents. | | | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | | | |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. | 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) | | | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 32] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure | a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper – 31 PAGES c. <input checked="" type="checkbox"/> Statements verifying identity of above copies | | | |
| 4. <input type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 1] 5. Oath or Declaration [Total Pages 2] | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) | | | |
| a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 17 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent 17. <input type="checkbox"/> Other: | | | |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | | | |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 09/352,990

Prior application information: Examiner K. KERR

Group Art Unit: 1652

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

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PATENT TRADEMARK OFFICE

or Correspondence address below

| | | | | | |
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| Name | | | | | |
| Address | | | | | |
| City | State | | Zip Code | | |
| Country | Telephone | | | Fax | |

| | | | |
|-------------------|-----------------|-----------------------------------|-------------|
| Name (Print/Type) | THOMAS M. RIZZO | Registration No. (Attorney/Agent) | 41,272 |
| Signature | | Date | May 1, 2001 |

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 710)

Complete If Known

| | |
|----------------------|--------------------------|
| Application Number | UNKNOWN |
| Filing Date | CONCURRENTLY HEREWITH |
| First Named Inventor | OMOLAYO O. FAMODU ET AL. |
| Examiner Name | UNKNOWN |
| Group / Art Unit | UNKNOWN |

Attorney Docket No. BB1191 DIV

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number
04-1928Deposit Account Name
E. I. du Pont de Nemours and Company

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|----------|----------|--------------|----------|----------|------------------------|----------|
| 101 | 710 | 201 | 355 | | | Utility filing fee | 710 |
| 106 | 320 | 206 | 160 | | | Design filing fee | |
| 107 | 490 | 207 | 245 | | | Plant filing fee | |
| 108 | 710 | 208 | 355 | | | Reissue filing fee | |
| 114 | 150 | 214 | 75 | | | Provisional filing fee | |

SUBTOTAL (1) (\$ 710)

2. EXTRA CLAIM FEES

| Total Claims | 14 | -20 | = 0 | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|-----|-----|--------------|----------------|----------|
| Independent Claims | 1 | -3 | = 0 | | X 80 | 0 |
| Multiple Dependent | | | | X 270 | = 0 | |

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description |
|--------------|----------|----------|--------------|----------|----------|--|
| 103 | 18 | 203 | 9 | | | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | | | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | | | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | | | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | | | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0)

FEE CALCULATION (continued)

| 3. ADDITIONAL FEES | Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------------|--------------|----------|----------|--------------|----------|----------|--|----------|
| 105 | 130 | 205 | 65 | | | | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | | | | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | | | | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | | | | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | | | | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | | | | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | | | | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | | | | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | | | | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | | | | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | | | | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | | | | Notice of Appeal | |
| 120 | 310 | 220 | 155 | | | | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | | | | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | | | | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | | | | Petition to revive – unavoidable | |
| 141 | 1,240 | 241 | 620 | | | | Petition to revive – unintentional | |
| 142 | 1,240 | 242 | 620 | | | | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | | | | Design issue fee | |
| 144 | 600 | 244 | 300 | | | | Plant issue fee | |
| 122 | 130 | 122 | 130 | | | | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | | | | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | | | | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | | | | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | | | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | | | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | | | | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | | | | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | | | | |

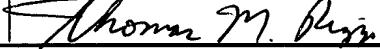
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|---------------------------------|--------|-----------|--------------|
| Name (Print/Type) | THOMAS M. RIZZO | Registration No. Attorney/Agent | 41,272 | Telephone | 302-892-7760 |
| Signature |  | | | Date | May 1, 2001 |

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